

## CLAIMS:

1. A linkage mechanism comprising:

5 a moveable member mounted for movement with respect to a fixed member to which it is connected and which constrains movement of the moveable member, the moveable member being provided with first and second elements spaced from each other and one of which constitutes a moveable element while the other constitutes a datum element;

10 means for causing relative movement between the moveable member and the fixed member, said means being located and arranged whereby to preferentially utilise the first of the spaced elements as the datum with respect to which the second element is moved; and

15 means for selectively inhibiting movement of said second element whereby to cause the second element to become the datum with respect to which the first element is moved.

2. The linkage mechanism according to claim 1 wherein the means for utilising relative movement includes an arcuately moveable member.

20 3. The linkage mechanism according to claim 1 or 2 wherein the fixed member is arranged to constrain movement of the spaced elements by receiving them in slots or grooves.

25 4. The linkage mechanism according to claim 3 wherein the slots or grooves are arcuate.

5. The linkage mechanism according to any of claims 1 to 4 wherein the means for selectively inhibiting movement is electrically controlled.

6. The linkage mechanism according to any one of the preceding claims  
5 wherein the means for selectively inhibiting movement includes a piezo-electric actuator.

7. The linkage mechanism substantially as hereinbefore described with reference to the accompanying drawings.

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8. A door lock utilising the linkage mechanism according to any of the preceding claims.